

AI based localization and classification of Skin Disease Erythema

Create Database

Before a project runtime can create or access a Cloudant ® database, you need to configure Cloudant accounts and users. You might also need to specify database prefixes to distinguish projects that have the same name.

Cloudant Account

Before a project runtime can create or access a Cloudant database at Cloudant.com, you must register a valid account for Cloudant.com. The account registration provides you with the following things:

Account Name

The Cloudant account is implicitly also the URL; for example, the account example account corresponds to the URL <https://exampleaccount.cloudant.com>.

User name

By default, the account name serves also as administrator user name of the databases created in your account. Access is granted per database. By default, all databases that you create are only accessible to your account. If you are using a shared database that is accessible to multiple users, you need a user name that has sufficient permissions to write and read documents of the database.

Password

A password to access the account at Cloudant.com.

Permissions

The default permissions for a new account at Cloudant.com or at Cloudant Local are sufficient for the project runtime. The database can be created through the Cloudant dashboard. The user must have at least the following roles set for your database:

_reader

Gives the user permission to read documents from the database.

_writer

Gives the user permission to create and modify documents in the database.

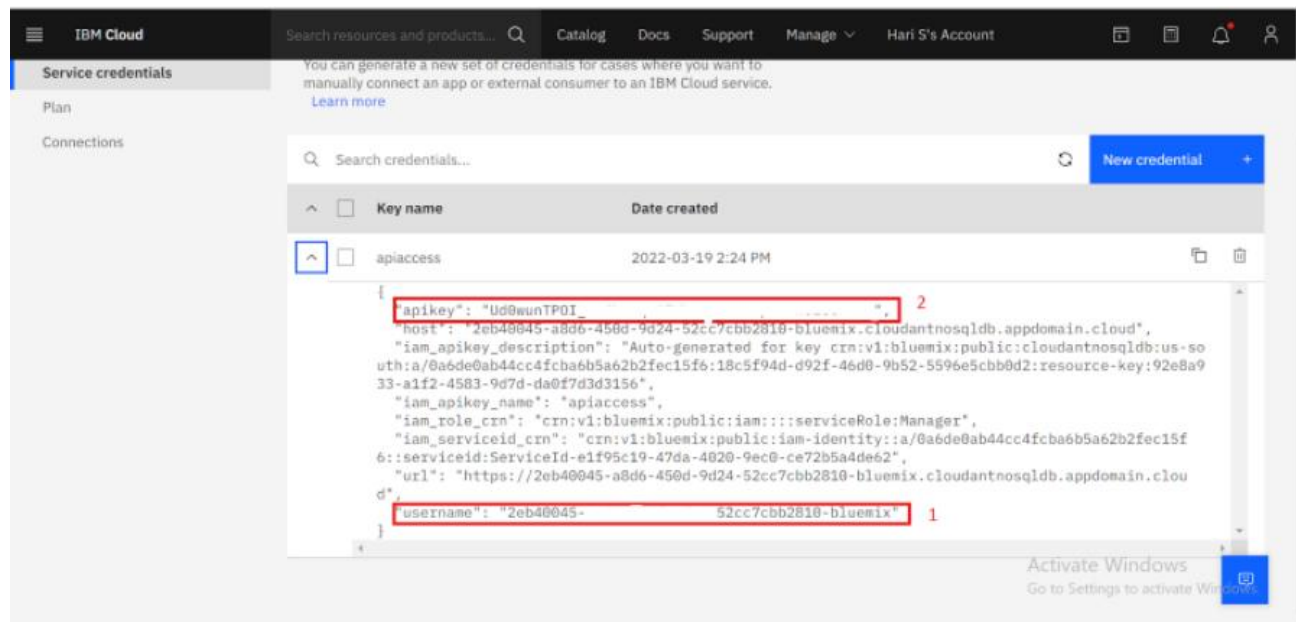
_admin

Gives the user permission to install and update design documents in the database.

Default database name for project Runtimes

{project _name}_runtime _db

If multiple teams use the same database with projects that have the same names, they can specify a prefix through a **"dbNamePrefix"** at deployment time to distinguish each project either manually or with Ant tasks. For more information about how to use this prefix manually for the application server to which you plan to deploy your MobileFirst runtime, see the relevant subsection in Deploying a project WAR file and configuring the application server manually. For more information about how to use this prefix with Ant tasks, see Ant tasks for installation of MobileFirst runtime environments, Attributes of the <cloudant> element.



The screenshot shows the IBM Cloud console interface. On the left, the 'Service credentials' menu is expanded, showing 'Plan' and 'Connections'. The main area displays a table of service credentials. One credential, named 'apiaccess', is selected. Below the table, the details of this credential are shown in a JSON format. Two specific fields are highlighted with red boxes and numbered: the 'apikey' field (labeled '2') and the 'username' field (labeled '1').

```
{
  "apikey": "Ud0wunTP0I...",
  "host": "2eb40045-a8d6-450d-9d24-52cc7cbb2810-bluemix.cloudantnosqldb.appdomain.cloud",
  "iam_apikey_description": "Auto-generated for key crn:v1:bluemix:public:cloudantnosqldb:us-so-uth:a/0a6de0ab44cc4fcbab65a62b2fec15f6:18c5f94d-d92f-46d0-9b52-5596e5cbb0d2:resource-key:92e8a933-a1f2-4583-9d7d-da0f7d3d3156",
  "iam_apikey_name": "apiaccess",
  "iam_role_crn": "crn:v1:bluemix:public:iam:::serviceRole:Manager",
  "iam_serviceid_crn": "crn:v1:bluemix:public:iam-identity::a/0a6de0ab44cc4fcbab65a62b2fec15f6::serviceid:ServiceId-e1f95c19-47da-4020-9ec0-ce72b5a4de62",
  "url": "https://2eb40045-a8d6-450d-9d24-52cc7cbb2810-bluemix.cloudantnosqldb.appdomain.cloud",
  "username": "2eb40045-52cc7cbb2810-bluemix"
}
```